



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
पूर्वी क्षेत्रीय विद्युत समिति



**Eastern Regional Power Committee**  
14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033  
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NO: ERPC/COM-II/ABT-DC/3631-3665

Date: 17.08.2020

To: As per List / संलग्न सूची के अनुसार

**Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 27.07.2020 to 02.08.2020 and Deviation Settlement of Bhutan Power for the month of JULY'2020.**

Sir,

Statement of Deviation charges for the week has been prepared as per CERC(DSM & Related matters) regulation,2014 & all amendments(including 5<sup>th</sup> Amendment regulation,2019 dated 28.05.2019)

इस सप्ताह के लिए विचलन प्रभार का विवरण सीईआरसी (डीएसएम एवं संबंधित मामले ) अधिनियम, 2014 एवं अन्य सभी संशोधनों (दिनांक- 28.05.2019 के 5वें संशोधन अधिनियम, 2019 सहित) के आधार पर तैयार किया गया है।

RRAS Settlement Account for the weeks has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC. AGC Settlement Account for the week has been prepared based on the CERC order in petition No. 79/RC/2017, dated 06.12.2017.

इस सप्ताह के लिए आरआरएस निपटान खाते को सीईआरसी द्वारा अनुमोदित एंसिलरी सर्विसेज ऑपरेशन के दिशानिर्देशों के विस्तृत प्रक्रिया के अनुसार तैयार किया गया है। इस सप्ताह के लिए एजीसी निपटान खाता को दिनांक-06.12.2017 के सीईआरसी के आदेश याचिका सं. 79/RC/2017 के आधार पर तैयार किया गया है।

*The last installment of data for the subjected week has been received from ERLDC on 11.08.2020.*

दिनांक -11.08.2020 को ईआरएलडीसी से विषयवार सप्ताह हेतु डाटा की अंतिम किस्त प्राप्त की गई है।

The constituents, who have to pay the Deviation Charges as indicated in the statement, are requested to make the payment to the Deviation Pool account operated by ERLDC within 10 days of the billing date. In case of delayed payments for Deviation charges against these bills beyond 12 days, the defaulting constituents shall have to pay simple interest @0.04 % for each day of delay.

जिन संघ के सदस्यों को विचलन शुल्क का भुगतान करना है, उनसे अनुरोध है कि वे बिलिंग तिथि के 10 दिनों के भीतर ईआरएलडीसी द्वारा संचालित विचलन पूल खाते में भुगतान करें। इन विचलन शुल्क के बिलों के भुगतान में 12 दिनों से अधिक के विलंब की स्थिति में, व्यतिक्रामी घटकों को विलंब के प्रत्येक दिन @ 0.04% का साधारण ब्याज का भुगतान करना होगा।

In case of delay in Payments to/ Receivables from the DSM Pool by the RRAS/AGC providers beyond 12/17 days of the issuance date, the RRAS/AGC providers shall pay to/receive from the DSM Pool Account simple interest @0.04 % for each day of delay.

आरआरएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएस/एजीसी प्रदाता विलंब के प्रत्येक दिन के लिए डीएसएम पूल खाता@ 0.04% का साधारण ब्याज भुगतान / प्राप्त करेंगे।

Observations, if any, may be intimated to ERPC Secretariat within a fortnight.

यदि कोई अवलोकन हो, पंद्रह दिनों के भीतर ईआरपीसी सचिवालय को सूचित किया जा सकता है।

Encl: As above

भवदीय / Yours faithfully,

(S. KEJRIWAL)  
MEMBER SECRETARY(I/C)

## List of Addressee

1. CE (Trans/O&M), BSPTCL, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSPHCL, Vidyut Bhavan, 3<sup>rd</sup> Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JBVNL, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand . (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JUSNL, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (SLDC), DVC, P.O.: Danesh Sheikh Lane, Andul Road, Howrah - 71110 9. FAX-033-2688-5094
7. Sr. GM(PP), GRIDCO, 4<sup>th</sup> floor, Vidyut Bhawan, Janpath, Bhubaneswar-22. (Fax : 0674-2547180/2547261).
8. Sr. GM (PS), OPTCL, SLDC Bldg, PO Mancheswar Rly Colony, Bhubaneswar-17, (Fax: 0674-2748509)
9. Sr. General Manager(Finance), OPGC, Odisha ( Fax: 06645 222225 )
10. CE (Trans.), Energy & Power Deptt., Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (SLDC), WBSETCL, PO. Danesh Sheikh Lane, Howrah-109. (Fax: 033-26886232)
12. Chief (Finance), NHPC Ltd, Sector-33, Faridabad-121003 (Fax: 0129-2254668)
13. ED (Comml), NHPC Ltd, Sector-33, Faridabad-121003 (Fax No. 0129-2254668)
14. AGM (Comml), NTPC Ltd, Loknayak Jaiprakash Bhawan, 2<sup>nd</sup> floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 ,2211807 )
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa ( Jharkhand) – 832 105 ( FAX: 0657 – 6628440)
18. AGM(Comml.), ER-I, Powergrid, Patna ( Fax: 0612 2227630 )
19. AGM(Comml.), ER-II, Powergrid, Kolkata (Fax NO. 033 2357 2827)
20. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
21. ED, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
22. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
23. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
24. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
25. GM, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
26. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill:Sahajbahal P.O: Charpali-Barpali, Dist:Jharsuguda – 768211 (Fax: 0674-2532174)
27. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneswar- 751 007(Fax: 0674- 2572794)
28. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
29. AGM, SO, NVVN, SCOPE Complex, Core-5, 1st & 2nd Floor, Lodhi Road, New Delhi-110003 (Fax: 011-24367021)
30. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2<sup>nd</sup> Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
31. ED, DANS Energy Pvt Ltd, 5<sup>th</sup> Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)
33. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)
34. Director, Shiga Energy Pvt. Ltd., 5<sup>th</sup> Floor, DLF Building No. 8, Tower-C, DLF Cyber City, Phase-II, Gurgaon – 122002
35. CEO, Sneha Kinetic Power Projects Pvt.Ltd. #31 -A, National Highway, Behind SNOD building,. Deorali, Gangtok, Sikkim-737102

**EASTERN REGIONAL POWER COMMITTEE**  
**KOLKATA**  
**ABT based Deviation Charge Account**  
**For the period 27.07.20 TO 02.08.20**  
**AS PER 5TH AMENDMENT OF DSM, 2019 W.E.F. 03/06/2019**

(All figures in Rs. Lakhs)

UTILITIES AND DEVIATION CHARGES PAYABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)		ADDITIONAL DEVIATION CHARGE DUE TO VIOLATION OF BLOCK WISE VOLUME LIMIT (in Rs. Lakhs.)	ADDITIONAL DEVIATION CHARGE DUE TO VIOLATION OF SIGN CHANGE (in Rs. Lakhs.)	FINAL DEVIATION CHARGE (in Rs. Lakhs)	
	RECEIVABLE	PAYABLE			RECEIVABLE	PAYABLE
A	B	C	D	E	F	G
<b>BENEFICIARIES OF EASTERN REGION</b>						
BSPHCL		118.33044	72.11655	1.86824		192.31522
JUVNL	59.47889		2.72143	0.55808	56.19938	
DVC	82.58919		7.89296	0.85028	73.84594	
GRIDCO	77.74768		19.39149	0.00000	58.35619	
SIKKIM	8.25649		0.22850	0.00000	8.02799	
WBSSETCL		250.32388	24.15216	1.28105		275.75708
HVDC SASARAM	0.89031		0.00283	0.00000	0.88748	
HVDC ALIPURDUAR		0.01040	0.01830	0.00000		0.02870
<b>CERC REGULATED GENERATORS (CGS/ISGS)</b>						
FSTPP-I & II		39.24404	0.00681	0.00000		39.25085
FSTPP-III		1.10853	0.06292	0.00000		1.17146
KHSTPP-I		93.73125	1.52661	0.18645		95.44432
KHSTPP-II		15.31927	0.43288	0.00000		15.75215
TSTPP	18.79185		0.23516	0.00000	18.55668	
BARH		18.84598	0.23711	0.00000		19.08309
MTPS-II		6.22559	0.04243	0.00000		6.26802
BRBCL		10.52281	0.59025	0.00000		11.11305
TEESTA	39.60542		0.00276	0.00000	39.60266	
RANGIT		3.04263	0.09380	0.00000		3.13644
MAITHON R/B	22.99474		0.11048	0.00000	22.88426	
NPGC	6.10196		0.03422	0.00000	6.06774	
DARLIPALI		8.58384	0.44461	0.00000		9.02846
<b>OTHER GENERATORS</b>						
APNRL	56.01061		0.00000	0.00000	56.01061	
GMRKEL		1.84402	0.00618	0.00000		1.85020
JITPL		2.42335	0.01390	0.00000		2.43725
CHUZACHEN	3.24541		0.01423	0.00000	3.23118	
DIKCHU	14.67070		3.07162	0.00000	11.59908	
JORETHANG HEP		34.56443	3.38094	0.00000		37.94537
THEP	19.93333		0.00749	0.00000	19.92584	
TUL		143.53693	132.54626	0.78234		276.86553
<b>INTER- REGIONAL</b>						
NER		3238.55872				3238.55872
NR		3136.02613				3136.02613
SR		3357.65427				3357.65427
WR	9910.89250				9910.89250	
<b>INTER- NATIONAL</b>						
NVVN-BD		22.09944	0.82506	0.00000		22.92450
NVVN-NEPAL		65.29343	4.77641	0.00000		70.06984
TPTCL		0.37295	0.00825			0.38120
<b>INFIRM GENERATORS</b>						
BARH SG1_INFIRM		60.78416				60.78416
NPGC_INFIRM		26.21825				26.21825
DARLIPALI_U#2_INFIRM		9.69446				9.69446
<b>SOLAR GENERATORS</b>						
TALCHER SOLAR		1.70092				1.70092
<b>TOTAL</b>	<b>10321.20909</b>	<b>10666.06013</b>	<b>274.99461</b>	<b>5.52644</b>	<b>10286.08753</b>	<b>10911.45963</b>

(All figures in Rs. Lakhs)

<b>Payable to the pool(A):</b>		<b>10666.06013</b>
<b>Receivable from the pool(B):</b>		<b>10321.20909</b>
<b>Differential Amount Arising from capping of Generating Stations(A-B)</b>		<b>344.85104</b>
<b>Additional Deviation Amount:</b>		<b>280.52105</b>

**EASTERN REGIONAL POWER COMMITTEE**  
**KOLKATA**

**Settlement of Deviation of Bhutan Power from Schedule for the month of JULY'2020**

Generators	SCH(MWH)	ACT(MWH)	DEV(MWH)	DEV CHARGE( Rs.)
CHUKKA HEP	239380.750	327610.905	88230.155	224986895
KURICHHU HEP	3983.500	16807.530	12824.030	27186944
TALA HEP	784684.750	675134.839	-109549.911	-232245811
MANGDECHHU HEP	534207.500	530620.793	-3586.707	-14777233

CONSTITUENTS	CHUKHHA HEP		KIRUCHHI HEP		TALA HEP		MANGDECHHU HEP		Adjusted DEV Charge For CHPC, KHPC, THPC, MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
BSPHCL	29.63	666.63617	0	0.00000	25.50	-592.22682	36.87	-54.48366	19.92569
JUVNL	10.74	241.63593	0	0.00000	11.46	-266.15370	0.00	0.00000	-24.51777
DVC	10.37	233.31141	50	135.93472	5.54	-128.66418	0.00	0.00000	240.58195
GRIDCO	15.19	341.75509	0	0.00000	4.25	-98.70447	10.97	-16.21062	226.84000
SIKKIM	2.22	49.94709	0	0.00000	0.00	0.00000	0.00	0.00000	49.94709
WBSETCL	31.85	716.58326	50	135.93472	38.25	-888.34023	32.14	-47.49403	-83.31628
NR(THPC)	0.00	0.00000	0.00	0.00000	15	-348.36872	0.00	0.00000	-348.36872
NER(MHEP)	0.00	0.00000	0.00	0.00000	0.00	0.00000	20.02	-29.58402	-29.58402
<b>TOTAL</b>	<b>100.00</b>	<b>2249.86895</b>	<b>100.00</b>	<b>271.86944</b>	<b>100.00</b>	<b>-2322.45811</b>	<b>100.00</b>	<b>-147.77233</b>	<b>51.50795</b>

(+) Means receivable from ER DSM pool

(-) Means Payable to ER DSM Pool

# EASTERN REGIONAL POWER COMMITTEE

## KOLKATA

### Settlement of Deviation of Bhutan Power from Schedule for the month of JULY'2020

CONSTITUENTS	NR(TALA HEP)		Adjusted DEV Charge For THPC(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
UTTAR PRADESH	4.41	-102.42040	-102.42040
RAJASTAN	1.47	-34.14013	-34.14013
J & K	1.77	-41.10751	-41.10751
HARYANA	1.47	-34.14013	-34.14013
PUNJAB	2.94	-68.28027	-68.28027
DELHI	2.94	-68.28027	-68.28027
<b>TOTAL</b>	<b>15.00</b>	<b>-348.36872</b>	<b>-348.36872</b>

(+) Means receivable from NR DSM pool

(-) Means Payable to NR DSM Pool

CONSTITUENTS	NER(MANGDECHHU HEP)		Adjusted DEV Charge For MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
ASSAM	20.02	-29.58402	-29.58402
<b>TOTAL</b>	<b>20.02</b>	<b>-29.58402</b>	<b>-29.58402</b>

(+) Means receivable from NER DSM pool

(-) Means Payable to NER DSM Pool

**EASTERN REGIONAL POWER COMMITTEE  
KOLKATA**

i) Metering points for Inter-Regional Exchange:-

- a) **Northern Region:** Pusaali East Bus and ER end of other A.C. Ties
- b) **Western Region :** Ranchi end of Ranchi-Dharamjaygarh 765kV D/C, ER end of Sundergarh-Dharamjaygarh 765kV D/C,  
ER end of Sundergarh-Raigarh 400kV Q/C, ER end of Ranchi-Sipat 400kV D/C, Budipadar-Korba 220 kV lines & Budhipadar-Raigarh 220kV D/C Lines
- c) **Southern Region:** Angul end of Angul-Sirkakulam 765kVD/C Lines, Jeypore end of Jeypore -Gajuwaka D/C & East bus of TSTPP Stage I & II interconnector.
- d) **North Eastern Region:** NER end of 220 kV Alipurduar -Salakati D/C ,400 kV Alipurduar Bongaigaon and 400kV Binaguri - Bongaigaon D/C lines.

ii) For computing Deviation Charge for the week , Korba meter(NP2657A) has been used as master frequency meter.

iii) Deviation charges for the week has been calculated as per amendment of CERC ( Deviation Settlement Mechanism and related matters) Regulation.Notification no. No.L-1/132/2013/ CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015, 4th Amendment order dated 20.11.2018 and 5th Amendment order dated 28.05.2019 have also been incorporated.

iv) ACP values for computation of deviation rate vector has been taken from NLDC website

v) The Cap rate for all generators has been fixed at 303.04 paisa/kwh as per DSM 5th amendment'2019.

vii) Additional Deviation Charge due to violation of Block wise volume limit is inclusive of Additional deviation charge due to OD/UI at  $f < 49.85\text{Hz}$  & OI/UD at  $f \geq 50.10\text{Hz}$ .

vii) CHPC, KHPC, THPC and Mangdechhu are not covered under ABT. Hence Deviation energy (MWh) of these stations shall be adjusted monthly after getting data from concerned agency.

viii) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.

ix) As informed by ERLDC OPGC (2\*660 MW), new Pool Member of ER, has started drawing power from 15.01.18.

x) As informed by ERLDC NPGC(NTPC) became a regional entity and DSM pool member wef 10.05.18 as NPGC started drawing start up power wef 10.05.18

xi) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member wef 31.05.18.

xii) Dagachhu HEP has been considered as pure Run of River without pondage as per TPTCL letter dated 06.02.2019 for computation of ADC due to sign change violation

xiii) As informed by ERLDC one unit of NPGC(1x660 MW) has been scheduled w.e.f. 06.09.2019

xiv) As informed by ERLDC, NPGC Unit#2 starts drawing Start Up Power w.e.f. 27.08.2019.

xv) As informed by ERLDC, BARH Stage-I starts drwaing Start up Power w.e.f 01.02.2020.

xvi) As informed by ERLDC one unit of DARLIPALI has been scheduled w.e.f. 01.03.2020.

**xvi) As informed by ERLDC, DARLIPALI U#2 start drwing start Up power w.e.f. 31.03.2020.**







**ERPC, KOLKATA**  
**Day-wise schedule, actual and Deviation charge statement**

DATE	BENEFICIARY	SCH. TOTAL IN MWH	ACTUAL DRAWAL/GEN TOTAL IN MWH	DEVIATION CHARGE IN Rs.	ADDITIONAL DEVIATION CHARGE(Block wise Volume Limit) IN Rs.	Page 3 of 3
						ADDITIONAL DEVIATION CHARGE(Sign Change Violation) IN Rs.
<b>02-08-20</b>	<b>BSPHCL</b>	<b>-1,06,566.058</b>	<b>-1,06,972.836</b>	<b>-9,69,419.90</b>	<b>-4,06,999.67</b>	<b>0.00</b>
	JUVNL	-20,447.321	-20,385.282	44,856.15	-42,319.09	-4,131.03
	DVC	29,182.405	28,859.487	6,37,662.02	-17,687.55	0.00
	GRIDCO	-10,149.407	-9,535.883	17,50,571.46	-1,76,432.22	0.00
	SIKKIM	-941.920	-929.009	79,518.10	-2,717.61	0.00
	WBSETCL	-51,738.601	-55,200.370	-72,06,547.95	-6,13,188.05	-32,828.51
	NER	4,569.307	-11,878.622	-4,36,20,872.30	-3,93,56,567.96	-4,32,601.33
	NR	-78,700.598	-1,01,593.221	-5,02,46,048.30	-4,98,75,743.59	-15,07,38,144.90
	SR	-4,587.683	-38,037.327	-10,39,79,312.68	-9,63,93,201.58	-8,48,649.00
	WR	-28,653.725	49,613.461	20,75,40,401.56	-17,25,895.63	-19,88,229.65
	FSTPP-I & II	20,142.116	20,024.094	-88,351.91	0.00	0.00
	KHSTPP-I	15,170.804	14,986.758	-3,80,636.50	-2,119.71	0.00
	TSPP	10,175.904	10,131.609	-66,915.21	-3,514.59	0.00
	RANGIT	1,338.000	1,319.359	-50,542.98	-4,503.17	0.00
	KHSTPP-II	27,907.856	27,777.698	-2,50,673.32	-101.46	0.00
	FSTPP-III	6,849.948	6,850.050	82,691.77	0.00	0.00
	DARLIPALI	6,707.500	6,407.980	-7,97,174.83	-21,765.51	0.00
	TEESTA	12,141.000	12,330.254	4,64,557.83	-83.12	0.00
	MAITHON R/B	16,528.403	16,669.854	5,41,478.25	0.00	0.00
	BARH	21,980.350	21,716.699	-4,96,253.559	-23,711.13	0.00
	NVVN-NEPAL	-820.455	-1,327.600	-13,26,971.431	-1,28,562.55	0.00
	APNRL	8,612.392	8,812.873	6,91,111.707	0.00	0.00
	GMRKEL	15,502.448	15,485.309	1,00,732.930	0.00	0.00
	JITPL	12,650.515	12,643.200	23,096.36	-546.87	0.00
	TPTCL	2,956.287	2,955.979	-698.20	-217.13	0.00
	BRBCL	8,373.717	8,340.945	-66,633.885	-14,739.11	0.00
	TALCHER SOLAR	38.760	34.789	-37,867.87	0.00	0.00
	JORETHANG HEP	2,371.342	2,155.040	-4,66,278.34	-61,032.02	0.00
	NPGC	14,495.281	14,440.763	73,879.02	0.00	0.00
	HVDC SASARAM	-26.010	-20.795	13,881.441	-139.29	0.00
	VAE	1,034.945	0.000	-46,20,555.208	0.00	0.00
	NVVN	-22,615.807	-22,854.400	-5,99,197.283	-14,486.33	0.00
	CHUZACHEN	2,840.767	2,859.226	39,958.231	-451.45	0.00
	TUL	30,269.525	30,333.963	4,01,003.269	0.00	0.00
	DIKCHU	2,493.475	2,522.273	1,08,448.352	0.00	0.00
	THEP	2,525.933	2,628.704	2,50,278.274	0.00	0.00
	HVDC ALIPURDUAR	-31.506	-32.884	-5,856.210	-118.44	0.00
	BARH SGL_INFIRM	0.000	-223.826	-6,07,288.341	0.00	0.00
	MTPS-II	3,706.014	3,668.768	-81,565.970	-2,441.62	0.00
	NPGC_INFIRM	0.000	-105.127	-2,78,980.582	0.00	0.00
	DARLIPALI_U#2_INFIRM	0.000	-48.744	-1,30,370.600	0.00	0.00

**SUMMARY OF WEEKLY DEVIATION CHARGES**

	UTILITY	SCHEDULE(MWH)	ACTUAL(MWH)	DEVIATION CHARGE (IN RS)	ADDITIONAL DEVIATION CHARGE(Block wise Volume Limit) (IN RS)	ADDITIONAL DEVIATION CHARGE(Sign Change Violation) (IN RS)
<b>FOR THE WEEK 27/07/20 TO 02-08-20</b>	BSPHCL	-7,25,096.63	-7,22,871.63	-1,18,33,044.49	-72,11,654.63	-1,86,823.61
	JUVNL	-1,48,935.77	-1,46,189.89	59,47,889.48	-2,72,143.12	-55,808.24
	DVC	2,31,136.17	2,33,238.92	82,58,919.35	-7,89,296.50	-85,028.44
	GRIDCO	-19,616.10	-14,532.12	77,74,768.33	-19,39,148.70	0.00
	SIKKIM	-7,438.75	-7,175.17	6,25,649.26	-22,850.43	0.00
	WBSETCL	-3,58,539.92	-3,69,268.59	-2,50,32,387.52	-24,15,215.72	-1,28,104.56
	NER	38,772.03	-69,502.28	-32,38,55,872.00	0.00	0.00
	NR	-6,07,769.10	-7,16,768.15	-31,36,02,613.00	0.00	0.00
	SR	-2,60,069.23	-3,69,920.90	-33,57,65,427.00	0.00	0.00
	WR	-1,28,952.09	2,05,991.86	99,10,89,250.00	0.00	0.00
	FSTPP-I & II	1,67,239.10	1,65,376.00	-39,24,404.25	-681.25	0.00
	KHSTPP-I	1,14,760.24	1,11,017.67	-93,73,125.21	-1,52,661.04	-18,645.43
	KHSTPP-II	1,54,999.31	1,54,194.46	-15,31,926.55	-43,288.03	0.00
	TSPP	1,43,292.23	1,43,967.11	18,79,184.69	-23,516.29	0.00
	FSTPP-III	56,010.56	55,809.89	-1,10,853.25	-6,292.27	0.00
	DARLIPALI	1,13,720.02	1,13,376.01	-8,58,384.48	-44,461.21	0.00
	TEESTA	85,032.00	86,524.54	39,60,542.01	-275.87	0.00
	MAITHON R/B	1,23,500.09	1,24,108.47	22,99,474.32	-11,048.28	0.00
	RANGIT	8,760.80	8,633.76	-3,04,263.42	-9,380.40	0.00
	BARH	1,37,305.32	1,36,213.52	-18,84,597.93	-23,711.13	0.00
	NVVN-NEPAL	-1,050.94	-3,206.56	-65,29,343.00	-4,77,640.56	0.00
	APNRL	60,385.06	62,277.89	56,01,061.16	0.00	0.00
	GMRKEL	1,09,632.65	1,09,366.69	-1,84,402.41	-618.07	0.00
	JITPL	90,692.64	90,552.58	-2,42,335.32	-1,389.68	0.00
	TPTCL	20,697.64	20,682.61	-37,294.97	-824.60	0.00
	BRBCL	68,322.79	67,823.63	-10,52,280.55	-59,024.89	0.00
	TALCHER SOLAR	-291.82	276.67	-1,70,092.00	0.00	0.00
	JORETHANG HEP	16,748.40	15,339.74	-34,56,442.88	-3,38,093.86	0.00
	NPGC	1,03,518.46	1,03,454.35	6,10,196.15	-3,422.16	0.00
	HVDC SASARAM	-174.45	-145.41	89,031.00	-283.31	0.00
	VAE	-11,583.90	0.00	2,60,40,087.30	0.00	0.00
	NVVN-BD	-1,55,897.65	-1,56,632.94	-22,09,944.00	-82,505.89	0.00
CHUZACHEN	19,885.37	20,018.83	3,24,541.00	-1,423.36	0.00	
TUL	2,02,668.46	1,97,673.96	-1,43,53,692.92	-1,32,54,626.29	-78,233.64	
DIKCHU	17,454.33	17,968.73	14,67,070.40	-3,07,161.94	0.00	
THEP	17,681.53	18,467.30	19,93,333.07	-749.04	0.00	
HVDC ALIPURDUAR	-210.66	-210.50	-1,040.00	-1,829.79	0.00	
BARH SGL_INFIRM	0.00	-2,008.91	-60,78,416.25	0.00	0.00	
MTPS-II	25,976.37	25,708.88	-6,22,559.10	-4,243.20	0.00	
NPGC_INFIRM	0.00	-848.17	-26,21,824.75	0.00	0.00	
DARLIPALI_U#2_INFIRM	0.00	-317.92	-9,69,445.56	0.00	0.00	

**LEGEND:** Energy:(+ve) means injection, (-ve) means drawal  
Deviation Charge: (+ve) means receivable, (-ve) means payable

(+) means under drawal/ over injection  
(-) means vice-versa

Format -AS7: RRAS Settlement Account by ERPC

Date: 17/08/2020

RRAS Account for Week: 27-Jul-20 to 02-Aug-20

A. Payments to the RRAS Provider(s) from the DSM pool for UP Regulation

Sr.No	RRAS Provider Name	Energy Scheduled to VAE under RRAS(MWh)	Fixed Charges (Rs) (A)	Variable charges(Rs) (B)	Markup as per CERC Order(Rs) (C)	Total Charges (A+B+C)
1	FSTPP I & II	3877.40800	3194985	10926535	1938703	16060222
2	FSTPP-III	0.00000	0	0	0	0
3	KHSTPP-I	1364.86800	1430381	3012264	682432	5125076
4	KHSTPP-II	1370.10500	1492046	2867630	685053	5044729
5	TSTPP-I	2314.72000	2219815	4465094	1157359	7842271
6	BARH	763.25000	1404380	1985214	381626	3771219
7	BRBCL	44.00000	110001	109737	21999	241737
8	Darlipali_NTPC	0.00000	0	0	0	0
9	MTPS-II	370.00000	1011580	960151	185000	2156730
10	NPGC	640.50000	1626230	1218872	320250	3165352
	Total	10744.85100	12489418	25545497	5372422	43407336

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation

Sr.No	RRAS Provider Name	Energy Scheduled to VAE under RRAS(MWh)	Total Variable charges for generation reduced(Rs) (A)	Variable charges to be paid to the DSM pool (B=75% of A)
1	BRBCL	435.01782	1084934	813701
2	MTPS-II	100.11913	259809	194857
3	NPGC	71.25000	135589	101692
4	Darlipali_NTPC	0.00000	0	0
5	FSTPP I & II	274.50000	773541	580156
6	FSTPP-III	0.00000	0	0
7	KHSTPP-I	157.50250	347608	260706
8	KHSTPP-II	190.25000	398193	298645
9	TSTPP-I	140.25000	270542	202907
10	BARH	576.79085	1500233	1125175
	Total	1945.68030	4770450	3577837

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KOLKATA-700 033

C.Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries

Sr.No	RRAS Provider Name	Energy Scheduled to VAE under RRAS(MWh)	Fixed Charges to be refunded (Rs)	To Beneficiary Name
1	FSTPP I & II	3877.40800	581445	BSPHCL
			51557	JUVNL
			1352415	GRIDCO
			69126	SIKKIM
			838277	WBSETCL
			46574	ODISHA SOLAR
			16243	TS_TRANSCO
			61273	WB SOLAR
			21477	ASSAM
			64181	DELHI
			9454	HARYANA
			19344	JK & LADAKH
			3293	NAGALAND
			7874	RAJASTHAN
			52452	UP
2	FSTPP-III	0.00000	0	-
3	KHSTPP-I	1364.86800	166557	BSPHCL
			7634	JUVNL
			690754	GRIDCO
			49617	SIKKIM
			45717	WBSETCL
			31343	ODISHA SOLAR
			6414	WB SOLAR
			1097	ASSAM
			128649	DELHI
			5249	HARYANA
			134241	JK & LADAKH
			2837	NAGALAND
			8357	RAJASTHAN
			151915	UP
4	KHSTPP-II	1370.10500	22622	BSPHCL
			4608	JUVNL
			139899	GRIDCO
			3642	SIKKIM
			54724	ODISHA SOLAR
			6378	WB SOLAR
			25785	ASSAM
			246887	DELHI
			12474	GUJARAT
			33576	HARYANA
			169589	HP
			174588	JK & LADAKH
			59321	MAHARASHTRA
			29451	PUNJAB
			32982	RAJASTHAN
394535	UP			
80985	UTTARAKHAND			

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5	TSTPP-I	2314.72000	196747	BSPHCL
			126497	JUVNL
			1778669	GRIDCO
			73932	WBSETCL
			29070	ODISHA SOLAR
			7378	WB SOLAR
			6861	DELHI
			661	NAGALAND
6	BARH	763.25000	8140	HVDC_APD
			1137190	BSPHCL
			121939	JUVNL
			137111	SIKKIM
7	BRBCL	44.00000	20280	BSPHCL
			14818	BIHAR_RAILWAYS
			16300	DVC_RAILWAYS
			17781	AHARASHTRA RAILWAYS
			10727	MP RAILWAYS
			19820	RAILWAYS
			741	DELHI
			2222	HARYANA
			4972	PUNJAB
			1482	RAJASTHAN
			858	UP
8	Darlipali_NTPC	0.00000	0	-
9	MTPS-II	370.00000	153922	BSPHCL
			5150	JUVNL
			80988	DVC
			638022	GRIDCO
			133498	WBSETCL
10	NPGC	640.50000	340786	BSPHCL
			83443	JUVNL
			1202001	UP
<b>Total</b>		<b>10744.85100</b>	<b>12489418</b>	

A) RRAS settlement account for the week 27-Jul-20 to 02-Aug-20 has been prepared as per the detailed procedure for Ancillary Services Operation as approved by CERC

B) Fixed Charges and Variable Charges for RRAS providers have been calculated as per the rates furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.

C) Mark Up rate for Regulation Up service has been considered at 50paise/KWh as per CERC order on petition no 01/SM/2016 dated 29.02.2016

D) Quantum of Energy scheduled to/from VAE (Virtual Ancillary Entity) from/to concerned RRAS provider during Regulation Up/Regulation Down service has been considered as per the data furnished by ERLDC

E) For the purpose of refund of Fixed Charges during Regulation Up service, the total Fixed charges received by the RRAS provider from DSM Pool Account has been apportioned in the ratio of the quantum surrendered by the original beneficiaries.

This is as per Clause 13.6 of the Detailed Procedure for Ancillary Services Operation approved by CERC.

AGC Settlement Account by ERPC

Date:17/08/2020

AGC Account for Week: 27-Jul-20 to 02-Aug-20

Payments to the AGC Provider(s) from the DSM pool

Sr.No	AGC Provider Name	UP Regulation due to AGC(MWh)	Down Regulation due to AGC(MWh)	Net Energy(MWh)	Variable Charges (Rs)	Markup Charges as per CERC order (Rs)	Total Charges (Rs)
1	BARH	0.000000	0.000000	0.000000	0	0	0

(+) means payable from DSM Pool to AGC provider

(-) means payable to DSM Pool by AGC provider

A) AGC settlement account for the week 27-Jul-20 to 02-Aug-20 has been prepared based on the CERC order in petition No.79/RC/2017, dated 06.12.2017.

B) The markup rate has been calculated at the rate of 50 Paise/Kwh for Up & Down regulation.

C) Variable Charges for AGC provider has been calculated as per the rate furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.